

Menthol from CI Samples
1988 - Present

| 0 MONTH OF CI SAMPLING | 1 SALEM 85 smoke | 2 SALEM 85 filler | 3 SALEM 85 filter | 4 KOOL 85 smoke | 5 KOOL 85 filler | 6 KOOL 85 filter | 7 SALEM LGTS 85 smoke | 8 SALEM LGTS 85 filler |
|---------------------------|---------------------|----------------------|----------------------|--------------------|---------------------|---------------------|--------------------------|---------------------------|
| 1 Feb-1988 | | | | | | | | |
| 2 Mar | | | | | | | | |
| 3 Apr | 0.61 | 2.3 | 0.7 | 0.53 | 2.0 | 0.7 | 0.44 | 2.8 |
| 4 May | 0.58 | 2.3 | 0.7 | 0.50 | 2.0 | 0.8 | | |
| 5 Jun | 0.60 | 2.3 | 0.8 | 0.53 | 2.0 | 0.8 | 0.40 | 2.5 |
| 6 Jul | 0.59 | 2.3 | 0.8 | 0.52 | 1.9 | 0.9 | 0.44 | 2.4 |
| 7 Aug | 0.53 | 2.2 | 0.9 | 0.47 | 1.7 | 1.1 | 0.39 | 2.4 |
| 8 Sep | 0.58 | 2.2 | 1.0 | 0.47 | 1.9 | 0.9 | 0.38 | 2.2 |
| 9 Oct | 0.61 | 2.2 | 0.8 | | | | 0.43 | |
| 10 Nov | 0.66 | 2.3 | 0.9 | 0.49 | 1.8 | 0.9 | 0.40 | 2.1 |
| 11 Dec | 0.66 | 2.5 | 0.7 | 0.56 | 2.2 | 0.6 | 0.45 | 2.9 |
| 12 Jan-1989 | 0.65 | 2.5 | 0.9 | | | | 0.48 | 2.6 |
| 13 Feb | 0.67 | 2.4 | 1.0 | 0.63 | 2.1 | 0.9 | 0.45 | 2.4 |
| 14 Mar | 0.66 | 2.4 | 0.8 | 0.62 | 2.2 | 0.9 | 0.48 | 2.8 |
| 15 Apr | 0.62 | 2.5 | 0.7 | 0.60 | 2.2 | 0.8 | 0.50 | 2.8 |
| 16 May | | | | | | | | |
| 17 Jun | 0.54 | 2.2 | 0.8 | 0.55 | 2.0 | 0.8 | 0.41 | 2.3 |
| 18 Jul | 0.57 | 2.2 | 1.0 | 0.52 | 2.0 | 1.0 | 0.40 | 2.2 |
| 19 Aug | 0.54 | 2.2 | 0.8 | 0.52 | 2.0 | 1.0 | 0.39 | 2.1 |
| 20 Sep | 0.56 | 2.0 | 1.0 | 0.51 | 2.0 | 1.0 | 0.38 | 2.1 |
| 21 Oct | 0.61 | 2.1 | 1.0 | 0.49 | 1.9 | 1.1 | 0.36 | 2.1 |
| 22 Nov | 0.54 | 2.1 | 0.9 | 0.46 | 1.8 | 1.0 | 0.37 | 2.0 |
| 23 Dec | 0.59 | 2.1 | 0.9 | 0.48 | 1.9 | 0.9 | 0.37 | 2.2 |
| 24 Jan-1990 | 0.60 | 2.3 | 0.8 | 0.59 | 2.2 | 0.9 | 0.40 | 2.2 |
| 25 Feb | 0.60 | 2.2 | 0.8 | 0.56 | 2.3 | 0.9 | 0.40 | 2.6 |
| 26 Mar | 0.60 | 2.3 | 0.7 | 0.58 | 2.5 | 0.8 | 0.41 | 2.5 |
| 27 Apr | 0.58 | 2.2 | 0.9 | 0.56 | 2.1 | 1.0 | 0.39 | 2.2 |
| 28 May | 0.63 | 2.3 | 0.8 | 0.64 | 2.2 | 1.0 | 0.52 | 2.1 |
| 29 Jun | 0.59 | 2.1 | 0.9 | 0.49 | 2.0 | 1.1 | 0.43 | 2.3 |
| 30 Jul | 0.57 | 2.1 | 0.9 | 0.51 | 2.0 | 1.0 | 0.46 | 2.5 |
| 31 Aug | | | | 0.49 | 1.9 | 1.1 | 0.39 | 2.4 |

| | | | | | | | | |
|---------|------|-----|-----|------|-----|-----|------|-----|
| Average | 0.60 | 2.2 | 0.8 | 0.53 | 2.0 | 0.9 | 0.42 | 2.4 |
| SD | 0.04 | 0.1 | 0.1 | 0.05 | 0.2 | 0.1 | 0.04 | 0.2 |

PM3001014674

Menthol from CI Samples
1988 - Present

| 0 MONTH OF CI SAMPLING | 9 SALEM LGTS 85 filter | 10 SALEM ULTRA 85 smoke | 11 SALEM ULTRA 85 filler | 12 SALEM ULTRA 85 filter | 13 ALPINE 85 smoke | 14 ALPINE 85 filler |
|---------------------------|---------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------|------------------------|
| 1 Feb-1988 | | | | | | |
| 2 Mar | | | | | | |
| 3 Apr | 1.1 | 0.32 | 2.9 | 1.2 | | |
| 4 May | | | | | 0.62 | 2.0 |
| 5 Jun | 1.4 | 0.33 | 2.9 | 1.3 | | |
| 6 Jul | 1.3 | 0.35 | | | | |
| 7 Aug | 1.4 | 0.28 | 2.4 | 1.7 | | |
| 8 Sep | 1.5 | 0.27 | 2.2 | 1.7 | | |
| 9 Oct | | 0.30 | 2.6 | 1.7 | | |
| 10 Nov | 1.6 | 0.31 | 2.6 | 1.4 | | |
| 11 Dec | 1.1 | 0.33 | 3.1 | 1.0 | | |
| 12 Jan-1989 | 1.4 | 0.35 | 3.0 | 1.3 | | |
| 13 Feb | 1.5 | 0.38 | 3.1 | 1.4 | 0.61 | 2.7 |
| 14 Mar | 1.4 | 0.38 | 2.9 | 1.5 | 0.64 | 2.0 |
| 15 Apr | 1.0 | 0.33 | 3.1 | 1.2 | | |
| 16 May | | 0.33 | 2.8 | 1.5 | 0.54 | 1.9 |
| 17 Jun | 1.2 | 0.33 | 2.8 | 1.4 | | |
| 18 Jul | 1.5 | 0.30 | 2.6 | 1.6 | 0.60 | 2.1 |
| 19 Aug | 1.7 | 0.31 | 2.7 | 1.4 | | |
| 20 Sep | 1.7 | 0.32 | 2.5 | 1.5 | 0.59 | 2.0 |
| 21 Oct | 1.7 | | | | | |
| 22 Nov | 1.6 | 0.26 | 2.2 | 1.7 | | |
| 23 Dec | 1.4 | 0.29 | 2.4 | 1.5 | 0.65 | 2.4 |
| 24 Jan-1990 | 1.5 | 0.32 | 2.8 | 1.5 | | |
| 25 Feb | 1.1 | 0.31 | 2.9 | 1.2 | | |
| 26 Mar | 1.2 | 0.29 | 3.0 | 1.2 | | |
| 27 Apr | 1.4 | 0.30 | 2.6 | 1.5 | 0.68 | 2.4 |
| 28 May | 1.4 | 0.31 | 2.7 | 1.4 | | |
| 29 Jun | 1.5 | 0.32 | 2.9 | 1.3 | | |
| 30 Jul | 1.6 | 0.30 | 2.7 | 1.6 | 0.64 | 2.1 |
| 31 Aug | 1.7 | 0.27 | 2.5 | 1.7 | | |
| Average | 1.4 | 0.31 | 2.7 | 1.4 | 0.62 | 2.2 |
| SD | 0.2 | 0.03 | 0.2 | 0.2 | 0.04 | 0.3 |

PM3001014675

Menthol from CI Samples
1988 - Present

| 0 MONTH OF CI SAMPLING | 15 ALPINE 85 filter | 16 B&H 100 smoke | 17 B&H 100 filler | 18 B&H 100 filter | 19 NEWPORT 85 smoke | 20 NEWPORT 85 filler | 21 NEWPORT 85 filter |
|---------------------------|------------------------|---------------------|----------------------|----------------------|------------------------|-------------------------|-------------------------|
| 1 Feb-1988 | | 0.70 | 3.1 | 1.0 | 0.44 | 1.5 | 0.6 |
| 2 Mar | | | | | | | |
| 3 Apr | | 0.66 | 3.1 | 1.0 | 0.48 | 1.9 | 0.6 |
| 4 May | 0.9 | | | | 0.47 | 1.7 | 0.6 |
| 5 Jun | | 0.64 | 3.1 | 1.0 | 0.46 | 1.6 | 0.6 |
| 6 Jul | | 0.61 | 3.1 | 0.9 | 0.44 | 1.5 | 0.6 |
| 7 Aug | | 0.63 | 2.9 | 1.2 | 0.43 | 1.4 | 0.8 |
| 8 Sep | | 0.62 | 3.1 | 1.3 | | | |
| 9 Oct | | 0.68 | 3.2 | 1.2 | 0.41 | 1.5 | 0.9 |
| 10 Nov | | 0.70 | 3.1 | 1.1 | 0.44 | 1.4 | 0.8 |
| 11 Dec | | 0.75 | 3.3 | 0.5 | 0.50 | 1.6 | 0.6 |
| 12 Jan-1989 | | 0.70 | 3.1 | 1.2 | 0.47 | 1.7 | 0.7 |
| 13 Feb | 0.9 | 0.77 | 3.7 | 1.0 | 0.55 | 1.8 | 0.7 |
| 14 Mar | 1.1 | 0.83 | 3.4 | 1.2 | 0.51 | 1.7 | 0.7 |
| 15 Apr | | 0.73 | 3.3 | 1.1 | 0.54 | 1.8 | 0.6 |
| 16 May | 1.1 | 0.73 | 3.4 | 1.3 | 0.49 | 1.8 | 0.7 |
| 17 Jun | | 0.75 | 3.4 | 1.1 | 0.48 | 1.6 | 0.7 |
| 18 Jul | 1.2 | 0.71 | 3.4 | 1.4 | 0.49 | 1.6 | 0.8 |
| 19 Aug | | 0.64 | 2.6 | 1.5 | 0.50 | 1.7 | 0.9 |
| 20 Sep | 1.2 | 0.67 | 2.8 | 1.4 | 0.47 | 1.5 | 0.8 |
| 21 Oct | | 0.73 | 3.5 | 1.2 | 0.52 | 1.7 | 0.8 |
| 22 Nov | | | 3.3 | 1.4 | 0.45 | 1.6 | 0.8 |
| 23 Dec | 1.1 | | | | 0.48 | 1.7 | 0.8 |
| 24 Jan-1990 | | | | | 0.49 | 1.8 | 0.7 |
| 25 Feb | | | | | 0.55 | 1.9 | 0.7 |
| 26 Mar | | 0.71 | 3.4 | 1.3 | 0.52 | 1.9 | 0.8 |
| 27 Apr | 1.1 | 0.74 | 3.2 | 1.2 | 0.47 | 1.7 | 0.8 |
| 28 May | | | | | 0.64 | 1.9 | 0.8 |
| 29 Jun | | 0.65 | 3.3 | 1.3 | 0.45 | 1.7 | 0.8 |
| 30 Jul | 1.1 | 0.66 | 3.2 | 1.5 | 0.45 | 1.6 | 0.9 |
| 31 Aug | | 0.60 | 2.9 | 1.6 | 0.46 | 1.6 | 0.9 |

Average

1.1

0.69

3.2

1.2

0.48

1.7

0.7

SD

0.1

0.06

0.2

0.2

0.05

0.1

0.1